

Angular Line of Business Applications

Hands-On Lab 1: BASICS

PREP: Starting Files

Repository: <https://github.com/DeborahK/AngularU2015>

Folder: **HandsOnLabs**

Starting Files: **MovieHunter Take1 – Basics**

Key Tasks:

1. index.html
 - a. Add the script tags for:
 - i. angular.js
 - ii. app.js
 - iii. movieListCtrl.js
2. movieListView.html
 - a. Add a column to display the movie director.
3. app.js
 - a. Create the “movieHunter” module.
4. movieListCtrl.js
 - a. Create the controller using the “controller as” syntax.
 - b. Use contents of the **dataClipboard.txt** file to hard-code movie data
5. Run the application
 - a. The list of movies should appear.
 - b. The Hide/Show poster button should work.
 - c. The filter feature should work.

Extra Tasks (as time permits):

6. Try out the F12 developer tools.
7. Change the sort order for the display of the movies.

LAB 1 Code

movieListCtrl.html

```
<table ng-if="vm.movies.length">
  <thead>
    <tr>
      <td>
        <button type="button"
          ng-click="vm.toggleImage()">
          {{vm.showImage ? "Hide" : "Show"}} Poster
        </button>
      </td>
      <td>Title</td>
      <td>Director</td>
      <td>Release Date</td>
      <td>Rating</td>
    </tr>
  </thead>
  <tbody>
    <tr ng-repeat="movie in vm.movies | filter : {title:listFilter} | orderBy : 'title'">
      <td>
        
      </td>
      <td>
        {{ movie.title }}
      </td>
      <td>{{ movie.director }}</td>
      <td>{{ movie.releaseDate | date }}</td>
      <td>{{ movie.mpaa | uppercase }}</td>
    </tr>
  </tbody>
</table>
```

app.js

```
(function () {
  "use strict";
  var app = angular.module("movieHunter", []);

  }());
```

movieListCtrl.js

```
(function () {
    "use strict";

    angular
    .module("movieHunter")
    .controller("MovieListCtrl",
        [MovieListCtrl]);

    function MovieListCtrl() {
        var vm = this;

        vm.movies = [
            {
                title: 'The Fellowship of the Ring',
                director: 'Jackson',
                releaseDate: '2001-12-19',
                imageUrl: 'http://www.coverwhiz.com/content/The-Lord-Of-The-
Rings-The-Fellowship-Of-The-Ring_small.jpg',
                mpaa: 'pg-13'
            },
            {
                title: 'The Two Towers',
                director: 'Jackson',
                releaseDate: '2002-12-18',
                imageUrl: 'http://www.coverwhiz.com/content/The-Lord-Of-The-
Rings-The-Two-Towers_small.jpg',
                mpaa: 'pg-13'
            },
            {
                title: 'The Point',
                director: 'Wolf',
                releaseDate: '1971-02-02',
                imageUrl: '',
                mpaa: 'nr'
            }
        ];
        vm.title = "Search by Movie Title";
        vm.showImage = false;

        vm.toggleImage = function () {
            vm.showImage = !vm.showImage;
        };
    }

})();
```